

# BETO direct / indirect power

free standing U-shape  
074-695401XR



Project / Type \_\_\_\_\_  
Notes \_\_\_\_\_  
Count / Date \_\_\_\_\_



## General

Floor | Standing \_\_\_\_\_  
special colours \_\_\_\_\_  
Reflector chrome \_\_\_\_\_  
IP20 \_\_\_\_\_  
indirect 5740 lm | direct 1750 lm \_\_\_\_\_  
total 7490 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_  
CRI  $\geq$  90 \_\_\_\_\_  
L90 / 50000 h \_\_\_\_\_  
initial MacAdam  $\leq$  3 SDCM \_\_\_\_\_  
R<sub>g</sub>: 99 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 89 \_\_\_\_\_  
MR 0.61 | MDER 0.55 \_\_\_\_\_

## Optical

Reflector | asymmetric \_\_\_\_\_  
UGR  $\leq$  13 \_\_\_\_\_  
PstLM  $\leq$  1.0<sup>1</sup> | SVM  $\leq$  0.4<sup>1</sup> \_\_\_\_\_

## Electrical

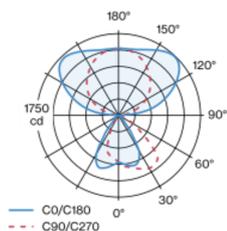
touch DIM on pole \_\_\_\_\_  
PC1 | 220-240 V \_\_\_\_\_  
system 66 W \_\_\_\_\_  
system 113 lm/W<sup>2</sup> \_\_\_\_\_

## Physical

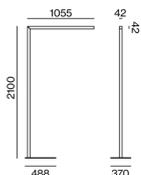
U-shape \_\_\_\_\_  
length 1055 mm | width 42 mm | height 2100 mm \_\_\_\_\_

Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); square downpipe; pedestal with recess for table base (U-shape); surface special colours powder coated; direct/indirect illumination characteristic; direct light component with high gloss reflector + faceted design and asymmetric radiation characteristic; Reflector chrome; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination; UGR  $\leq$  13; light colour 3000 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; including TOUCH DIM control for individual control of the brightness; incl. connection cable (3m) with safety plug; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



# BETO direct / indirect power

free standing U-shape

074-695401XR



Project / Type

---

Notes

---

Count / Date

---

## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	13
B13	17
B16	21
B20	27
C10	21
C13	28
C16	35
C20	45